

To: Rengao Song[rsong@lwcky.com]
From: Smith, Art
Sent: Sat 1/18/2014 4:01:34 PM
Subject: RE: Saturday Ohio River MCHM Update

Sounds good to me.

From: Rengao Song [mailto:rsong@lwcky.com]
Sent: Saturday, January 18, 2014 10:21 AM
To: Smith, Art
Subject: RE: Saturday Ohio River MCHM Update

Great. Thanks Art.

We need to have lunch.

From: Smith, Art [mailto:Smith.Art@epa.gov]
Sent: Saturday, January 18, 2014 10:11 AM
To: Rengao Song
Subject: RE: Saturday Ohio River MCHM Update

Thanks very much for sharing the information that LWC has generated for this incident. At this point, I think Region 4 is pulling out of the management end of things, and this has been helpful in getting to that point.

From: Rengao Song [mailto:rsong@lwcky.com]
Sent: Saturday, January 18, 2014 9:48 AM
To: Jerry Schulte (jschulte@orsanco.org); Smith, Art; Roney, Julie (EEC) (Julie.Roney@ky.gov); Lila Ziolkowski (lziolkowski@orsanco.org); Travis Luncan (tluncan@orsanco.org); Evansville Water - Tim Hall (thall@ewsu.com);
Ex. 6 - Personal Privacy damwater.com; Whitteberry, Bruce (Bruce.Whitteberry@gcww.cincinnati-oh.gov); Swertfeger, Jeff (Jeff.Swertfeger@gcww.cincinnati-oh.gov); Mary Carol Wagner (wagner@nkywater.org)
Subject: FW: Saturday Ohio River MCHM Update

FYI

From: Rengao Song
Sent: Saturday, January 18, 2014 9:46 AM
To: Kelley Dearing-Smith
Cc: Jim Brammell; Spencer Bruce; Jack Wang; Larry Bryant; John Azzara; Water Quality Compliance; Distribution Water Quality
Subject: Saturday Ohio River MCHM Update

Kelley,

Current status:

- From 0 AM today of 01/18/2014, the Ohio River MCHM has been below 1 ppb (Below Reporting Limit) and there have been no sweet odor detections.
- There have been 0 detections of MCHM in any processed water: reservoir effluent and finished water by both instrumentation and odor panel.
- There have been NO odor detections with the RBF samples.

Monitoring:

- We will continue to monitor the raw water every 4 hours during day time.
- We will continue to monitor the processed water every 4 hours during day time and RBF water daily.

Treatment:

- Carbon dosage is reduced from 380 to 200 #/MG to remove any residual effects.

Factors for Low MCHM Concentrations at Zorn (two major factors):

- Dilution from tributes including Kentucky River and Great Miami River.

Some lateral mixing and significant longitudinal dispersion especially at such high river flow (Figure below).

